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Application Number 10/717,402

TRANSMITTAL Filing Date November 19, 2003

First Named Inventor Randall J. Huebner

Art Unit

(to be used for all correspondence after initial filing)

**Examiner Name** 

3732

Tot	al Number of Pages in This Submission	23+	Attorney Docket Numbe	ACM 3	356
		ENC	LOSURES (Check	all that appl	v)
	Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority  Document(s)  Reply to Missing Parts/ Incomplete Application  Reply to Missing Parts		Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a  Provisional Application  Power of Attorney, Revoca  Change of Correspondence  Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  Landscape Table on	tion e Address	After Allowance Communication to TC  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please Identify below):  1. Form PTO-1449 (19 pages)  2. Foreign Patent Documents (35)  3. Other Documents (40)
Firm N		ATURE C	OF APPLICANT, ATT	ORNEY, (	OR AGENT
	Kolisch Hartwell, P.	C.			
Signat	ure James K	. ac	lenen	·	
Printed	James R. Abney, Es	sq.			
Date	October 1, 2004			Reg. No.	42,253
I heret			CATE OF TRANSMIS		ILING sited with the United States Postal Service with
sufficie	ent postage as first class mail in an er te shown below:	velope ad	dressed to: Commissioner	for Patents,	P.O. Box 1450, Alexandria, VA 22313-1450 on
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Typed	or printed name Renee Knigh	t [	1		Date October 1, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Date: October 1, 2004

RANDALL J. HUEBNER

Serial No.

10/717,402

Group Art Unit 3732

Filed

November 19, 2003

For

**DEFORMABLE BONE PLATES** 

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

## <u>INFORMATION DISCLOSURE STATEMENT</u> <u>UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98</u>

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

#### CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) 19 pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

#### FOREIGN-LANGUAGE REFERENCES

A concise explanation of the relevance of each listed reference not in the English language follows:

French Patent Document No. 2405705 – This document appears to disclose a bone fixation device, as illustrated in the figures.

French Patent Document No. 2406429 – This document appears to disclose a bone fixation device, as illustrated in the figures.

Soviet Union Patent Document No. 862937 – This document appears to disclose a bone fixation device, as illustrated in the figures.

Soviet Union Patent Document No. 1049054 – This document appears to disclose a bone fixation device, as illustrated in the figures.

Soviet Union Patent Document No. 1223901 – This document appears to disclose a bone fixation device, as illustrated in the figures.

Soviet Union Patent Document No. 1225556 – This document appears to disclose a bone fixation device, as illustrated in the figures.

Soviet Union Patent Document No. 1683724 – This document appears to disclose a bone fixation device, as illustrated in the figures.

### TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

Respectfully submitted,

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Attorney for Assignee

#### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on October 1, 2004.

ORM PTO-1	449		DOCKET NUMBER ACM 356		PPLICATI 0/717,4		BER			
	ORMATION DISCI ATION IN AN APPL		APPLICANT(S) Randall J. Huebne	er						
·			FILING DATE November 19, 200	FILING DATE GROUP ART UNIT November 19, 2003 3732						
		U.S. PA	TENT DOCUMENTS	<del></del>	_					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CL		UB .ASS	FIL. DATE IF APPROP.			
	820,503	5/15/06	Krengel et al.							
	869,697	10/29/07	Eilhauer et al.							
	1,105,105	7/28/14	Sherman							
·	1,889,239	11/29/32	Crowley							
	2,406,832	9/3/46	Hardinge							
	2,443,363	6/15/48	Townsend et al.							
	2,489,870	11/29/49	Dzus							
· · · · · · · · · · · · · · · · · · ·	2,494,229	1/10/50	Collison							
	2,526,959	10/24/50	Lorenzo							
	2,580,821	1/1/52	Nicola							
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAI YES	NSLATION NO			
	89750/91	2/23/92	Australia			XX				
	0 053 999	6/16/82	EPO			XX	<u> </u>			
		OTHE	ER DOCUMENTS							
	McBride S.M.O	. Stainless Steel Bo	one Plates brochure, DePu	y, Inc., 194	13.		·			
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	The Arnett-TMF	* Titanium Minipl	ating System brochure, To	echmedica	, Inc., 198	9.				
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	ORMATION DISCL ATION IN AN APPL		APPLICANT(S) Randall J. Huebr	ner										
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		U.S. PAT	ENT DOCUMENT	ENT DOCUMENTS										
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS			FIL. DATE F APPROP.						
	2,737,835	3/13/56	Herz											
	3,025,853	3/20/62	Mason											
	3,072,423	1/8/63	Charlton				-							
	3,171,518	3/2/65	Bergmann											
	3,488,779	1/13/70	Christensen											
	3,489,143	1/13/70	Halloran											
	3,593,709	7/20/71	Halloran				:							
	3,604,414	9/14/71	Borges											
	3,716,050	2/13/73	Johnston											
	3,866,458	2/18/75	Wagner											
	3,900,025	8/19/75	Barnes, Jr.											
		FOREIGN P	ATENT DOCUME	NTS										
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	0 410 309	1/30/91	EPO				XX							
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		OTHE	R DOCUMENTS	*.										
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	A Comparison of Beaupre et al., Jo	f Unicortical and B urnal of Orthopaed	icortical End Screw Att ic Trauma, Vol. 6, No.	achment 3, pp. 29	of Frac 4-300, 1	ture 1 992.	Fixation P	lates,						
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	ORMATION DISCI ATION IN AN APPI		APPLICANT(S) Randall J. Huebner							
			FILING DATE GROUP ART UNIT November 19, 2003 3732							
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	(	CLASS			FIL. DATE F APPROP.	
	3,901,064	8/26/75	Ja	cobson						
	3,939,497	2/24/76	Н	eimke et al.						
	3,965,720	6/29/76	G	oodwin eta l.						
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	4,364,382	12/21/82	M	ennen						
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	4,457,307	7/3/84	S	illwell						
	4,493,317	1/15/85	K	laue						
		FOREIGN P.	ATI	ENT DOCUMENT	ΓS					
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	0362049B1	5/13/92	E	20				XX		
	2367479	5/12/78	Fı	ance				XX		
		OTHE	R D	OCUMENTS						
		Titanium Cannulate Iedical Company, 19		crew and Reconstructi	on Plat	e Syste	em su	rgical tec	nnique	
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FORM PTO-1	449		DOCKET NUMBER ACM 356		APPLIO 10/7		ON NUMI	BER		
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		U.S. PAT	TENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS			FIL. DATE F APPROP.		
	4,506,681	3/26/85	Mundell							
	4,565,192	1/21/86	Shapiro							
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-	4,683,878	8/4/87	Carter							
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	4,743,261	5/10/88	Epinette							
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-	4,757,810	7/19/88	Reese							
		FOREIGN P.	ATENT DOCUME	NTS	· · · · ·			-		
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	2405705	5/11/79	France					XX		
	2405706	5/11/79	France				XX			
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	Treatment of Th Plate, Esser, Jou	ree- and Four-Part	Fractures of the Proxim Trauma, Vol. 8, No. 1,	<i>al Hum</i> pp. 15-2	erus wit 2, 1994	h a M	odified C	loverleaf		
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME		CLAS		UB .ASS		L. DATE APPROP.
	4,759,350	7/26/88	D	unn et al.						
	4,760,843	8/2/88	Fi	scher et al.	ì					
	4,823,780	4/25/89	О	densten et al.						. <u>=</u>
	4,892,093	1/9/90	Z	arnowski et al.						
·	4,893,619	1/16/90	D	ale et al.	,					
	4,903,691	2/27/90	Н	einl						
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	4,955,886	9/11/90	Pa	nwluk						
	4,957,497	9/18/90	Н	oogland et al.						
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		FOREIGN P	ATI	ENT DOCUMEN	TS				•	
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	2406429	5/18/79	Fı	ance						XX
	2472373	7/3/81	Fı	ance				XX		
		OTHE	R D	OCUMENTS						
	Ace Symmetry T Company, 1996.	itanium Upper Ext	remi	ty Plates surgical tech	hnique	broc	hure, A	ce Medi	cal	•
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			FILING DATE November 19, 20	03	GROU 3732		T UNIT	
		U.S. PAT	ENT DOCUMENTS	 S				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS			TIL. DATE F APPROP.
	4,966,599	10/30/90	Pollock				,	
	4,973,332	11/27/90	Kummer					
	4,988,350	1/29/91	Herzberg					
	5,002,544	3/26/91	Klaue et al.					
	5,006,120	4/9/91	Carter					
	5,015,248	5/14/91	Burstein et al.					
	5,041,113	8/20/91	Biedermann et al.					···········
	5,042,983	8/27/91	Rayhack					
	5,049,149	9/17/91	Schmidt	-				
	5,053,036	10/1/91	Perren et al.					
	5,085,660	2/4/92	Lin					
		FOREIGN P.	ATENT DOCUMEN	٧TS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLA		SUB LASS	TRAN: YES	SLATION NC
	2674118	9/25/92	France				XX	
	2515430	11/13/75	Germany				XX	
		OTHE	R DOCUMENTS					<u> </u>
	Small Titanium	Plates overview pag	ge, Synthes, p. 2a-33, Ma	arch 19	97.			
	Congruent Dista	al Radius Plate Syste	em description, Acumed	, Inc., N	Iarch 4,	1998.		
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EXAMINER	Preliminary Rep		oot & Ankle Internation					

FORM PTO-1	449		DOCKET NUMBER ACM 356	1	PPLICA 10/717		UMB	ER	
	ORMATION DISC ATION IN AN APPI		APPLICANT(S) Randall J. Huebner						
			FILING DATE GROUP ART UNIT November 19, 2003 3732						
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	5,113,685	5/19/92	Asher et al.						
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	4201531	7/22/93	Germany			Χ	XX		
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	Single Unit Oste	eosynthesis brochur	e, Surfix Technologies, Se	eptember	2000.				
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FORM PTO-1	449		DOCKET NUMBER APPLICATION NUMBER ACM 356 10/717,402							ER
	ORMATION DISC ATION IN AN APPI			PLICANT(S) andall J. Huebner			_			
			FILING DATE GROUP ART UNIT November 19, 2003 3732							
		U.S. PAT	EN.	DOCUMENTS				-		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME		CLA		UB .ASS		IL. DATE APPROP.
	5,290,288	3/1/94	V	gnaud et al.		·				
	5,304,180	4/19/94	SI	ocum						
	5,314,490	5/24/94	w	agner et al.						
	5,364,398	11/15/94	Cl	napman et al.						
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	5,380,327	1/10/95	E	ggers et al.						
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	5,468,242	11/21/95	Re	eisberg						
	5,474,553	12/12/95	Ва	numgart						
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		FOREIGN P.	ATI	ENT DOCUMENT	ΓS					
	DOCUMENT NUMBER	DATE		COUNTRY	CLA	ss	SUB CLASS	YES		LATION NO
	610518	6/15/78	Sc	viet Union				X	X	
	718097	2/28/80	Sc	viet Union				X	X	
		OTHE	R D	OCUMENTS						
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FORM PTO-14	449		DOCKET NUMBER ACM 356		APPLIO 10/7		ON NUM 02	BER		
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		JB ASS	FIL. DATE IF APPROP.		
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	862937	9/15/81	Soviet Union					XX		
	897233	1/15/82	Soviet Union				XX			
		OTHE	R DOCUMENTS							
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	5,665,088	9/9/97	Gil et al.						
·	5,674,222	10/7/97	Berger et al.						
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	DOCUMENT NUMBER	DATE	COUNTRY	CLAS		UB ASS	TRAN YES	ISLATION NO	
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FORM PTO-1	449		DOCKET NUMBER APPLICATION NUMBER 10/717,402									
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	5,735,853	4/7/98	O	erud								
	5,741,258	4/21/98	K	aue et al.								
	5,741,259	4/21/98	CI	nan								
	5,749,872	5/12/98	yle et al.									
	5,749,873	5/12/98	Fa	irley								
	5,752,958	5/19/98	W	ellisz								
	5,772,662	6/30/98	CI	napman et al.					100			
	5,807,396	9/15/98	Ra	iveh								
		FOREIGN I	PATE	ENT DOCUMEN	TS							
	DOCUMENT NUMBER	DATE		COUNTRY	CLA	ss	SUB CLASS	TRA YES	NSLATION			
	1192806	11/23/85	Sc	viet Union				XX				
	1223901	4/15/86	Sc	viet Union					XX			
		OTHE	ER D	OCUMENTS								
		Plate Osteosynthes AG, print date Feb		tem According to Dr. 6, 2003.	Gahr	inter	net print	out, Erot	hitan			
	Bilder internet	printout, Martin Gn	nbH &	Co. KG, print date S	Septer	nber :	5, 2003.					
	International Se 2003.	earch Report for PC	T Pate	ent Application Serial	No.	PCT/	US03/22	904, Dec	ember 4,			
EXAMINER				DATE CONSIDERED								

FORM PTO-1449  INFORMATION DISCLOSURE  CITATION IN AN APPLICATION			DOCKET NUMBER APPLICATION NUMBER ACM 356 10/717,402						
			APPLICANT(S) Randall J. Huebner						
			FILING DATE November 19, 2	FILING DATE GROUP ART UNIT November 19, 2003 3732					
		U.S. PAT	ENT DOCUMEN	ΓS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		JB ASS		DATE PPROP.
	5,810,823	9/22/98	Klaue et al.						
	5,810,824	9/22/98	Chan						
	5,853,413	12/29/98	Carter et al.						
	5,855,580	1/5/99	Kreidler et al.					•	
	5,871,548	2/16/99	Sanders et al.						
	5,879,389	3/9/99	Koshino						
	5,916,216	6/29/99	DeSatnick et al.						
	5,904,683	5/18/99	Pohndorf et al.						
	5,919,195	7/6/99	Wilson et al.						
	5,931,839	8/3/99	Medoff						
	5,938,664	8/17/99	Winquist et al.						
	<del></del>	FOREIGN P	ATENT DOCUM	ENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	. CL		UB .ASS	TRA YES	ANSLA	TION NO
	1225556	4/23/86	Soviet Union						XX
	1544406	2/23/90	Soviet Union				XX		_
		OTHE	R DOCUMENTS						
		cking Custom Conto re Injured, Vol. 34,	pured Blade Plate for I pp. 111-116, 2003.	Peri-Arti	cular Noi	ıunio	ns, Harv	ey et	al.,
	Salvage of Distal Tibia Metaphyseal Nonunions With the 90° Cannulated Blade Plate, Chin et al., Clinical Orthopaedics and Related Research, No. 409, pp. 241-249, 2003.								
	Rib Securing Cl	amped Plate interne	t printout, Sanatmetal,	print da	te Septem	ber 2	2, 2004.		
EXAMINER			DATE CONSIDERED						

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FORM PTO-1449			DOCKET NUMBER APPLICATION NUMBER ACM 356 10/717,402							
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				APPLICANT(S) Randall J. Huebner						
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_		U.S. PAT	EN'	Γ DOCUMENTS	<u>-</u>					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME .		CLASS			FIL. DATE IF APPROP.	
	5,941,878	8/24/99	M	ledoff					_	
	5,954,722	9/22/99	В	ono					_	
	5,964,763	10/12/99	In	cavo et al.						
	5,973,223	10/26/99	To	ellman et al.						
	6,001,099	12/14/99	Н	uebner						
	6,004,323	12/21/99	Pa	ark et al.						
	6,069,040	8/1/00	E	sser						
	6,077,266	6/20/00	M	ledoff						
	6,096,040	8/1/00	E	sser						
	6,117,160	9/12/00	В	onutti						
	6,139,548	10/31/00	Eı	тісо						
		FOREIGN P	ATI	ENT DOCUMENT	ΓS					
_	DOCUMENT NUMBER	DATE		COUNTRY	CLA		SUB LASS	TRAN YES	ISLATION NO	
	1630804	2/29/91	So	oviet Union				XX		
	1644932	4/30/91	So	oviet Union				XX		
		OTHE	R D	OCUMENTS						
	Acromio-Clavic	ular Plates descripti	on p	age, author and date u	ınkno	wn.				
	ECT Internal Fracture Fixation brochure, Zimmer, Inc., undated.									
	ECT Internal Fr	acture Fixation Syst	em c	order information broo	hure,	Zimme	r, Inc.	, undated.		
	NexGen Osteoto	omy System (OS) su	ırgic	al technique brochure	, Zimi	mer, Inc	., und	ated.		
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		U.S. PAT	ENT DOCUMENTS	S					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CL			IL. DATE APPROP.		
	6,152,927	11/28/00	Farris et al.						
	6,179,839	1/30/01	Weiss et al.						
	6,193,721	2/27/01	Michelson						
	6,228,087	5/8/01	Fenaroli et al.						
	6,235,033	5/22/01	Brace et al.						
	6,235,034	5/22/01	Bray						
	6,238,396	5/29/01	Lombardo						
	6,258,092	7/10/01	Dall						
	6,261,291	7/17/01	Talaber et al.						
	6,273,889	8/14/01	Richelsoph				-		
	6,283,969	9/4/01	Grusin et al.				·		
	· · · · · · · · · · · · · · · · · · ·	FOREIGN P	ATENT DOCUMEN	NTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS YES	LATION NO		
	1683724	10/15/91	Soviet Union				XX		
	1711859A	2/15/92	Soviet Union			XX			
		ОТНЕ	R DOCUMENTS						
	Spider <sup>TM</sup> and M undated.	Iini-Spider™ Limite	d Wrist Fusion System b	prochure, K	inetics M	edical Inco	rporated,		
	Spider™ Limite	ed Wrist Fusion Sys	tem brochure, Kinetics N	Medical Inc	orporated.	undated.			
	Zuelzer Hook P	Plates description pa	ge, Codman & Shurtleff,	Inc., p. 808	3, undated				
EXAMINER			DATE CONSIDERED						

FORM PTO-1	449	DOCKET NUMBER APPLICATION NUMBER ACM 356 10/717,402							
	ORMATION DISC ATION IN AN APPI		APPLICANT(S) Randall J. Huebner						
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		U.S. PA	TENT DOCUMENTS	5					
EXAMINER INITIAL	DOCUMENT NUMBER	DATÉ	NAME	CL			IL. DATE APPROP.		
	6,290,703	9/18/01	Ganem						
	6,302,884	10/16/01	Wellisz et al.						
	6,302,887	10/16/01	Spranza et al.						
	6,306,136	10/23/01	Baccelli						
	6,312,431	11/6/01	Asfora						
	6,315,779	11/13/01	Morrison et al.						
	6,322,562	11/27/01	Wolter						
	6,325,803	12/4/01	Schumacher et al.						
	6,331,179	12/18/01	Freid et al.						
	6,336,927	1/8/02	Rogozinski				_		
	6,338,734	1/15/02	Burke et al.						
		FOREIGN I	PATENT DOCUMEN	NTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS YES	SLATION NO		
	1734715A1	5/23/92	Soviet Union			XX			
	611 147	5/31/79	Switzerland			XX			
		OTHE	R DOCUMENTS						
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FORM PTO-1449			DOCKET NUMBER APPLICATION NUMBER ACM 356 10/717,402						
	ORMATION DISCL ATION IN AN APPL	APPLICANT(S) Randall J. Huebner							
			FILING DATE November 19, 20	03	GROU 373		T UNIT		
		U.S. PAT	ENT DOCUMENT	S					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS			FIL. DATE F APPROP.	
	6,342,055	1/29/02	Eisermann et al.						
	6,342,075	1/29/02	MacArthur						
	6,355,036	3/12/02	Nakajima						
	6,355,042	3/12/02	Winquist						
	6,364,881	4/2/02	Apgar et al.						
	6,364,883	4/2/02	Santilli						
	6,379,354	4/30/02	Rogozinski						
	6,402,756	6/11/02	Ralph et al.						
	6,413,259	7/2/02	Lyons et al.						
	6,428,542	8/6/02	Michelson		-				
	6,436,103	8/20/02	Suddaby						
		FOREIGN P.	ATENT DOCUME	NTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CL		SUB LASS	TRAN YES	SLATION NC	
	2245498	1/8/92	United Kingdom				XX		
	WO82/01645	5/27/82	WIPO				XX		
		OTHE	R DOCUMENTS				· · · · · · · · · · · · · · · · · · ·		
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		FILING DATE November 19, 2003		GROUP ART UNIT 3732				
		U.S. PAT	ENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CL	ASS	SUB CLASS		L. DATE APPROP.
_ <u></u>	6,440,135	8/27/02	Orbay et al.					
	6,454,769	9/24/02	Wagner et al.					
	6,454,770	9/24/02	Klaue					_
	6,458,133	10/1/02	Lin					
	6,514,274	2/4/03	Boucher et al.					
	6,520,965	2/18/03	Chervitz et al.					
	6,533,789	3/18/03	Hall, IV et al.					
	6,565,570	5/20/03	Sterett et al.					
	6,623,486	9/23/03	Weaver et al.					
	6,682,531	1/27/04	Winquist et al.					
	6,682,533	1/27/04	Dinsdale et al.					
		FOREIGN P.	ATENT DOCUMENT	ΓS		<u> </u>		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLAS	S YE		LATION NO
	WO87/02572	5/7/87	WIPO			2	XX	
	WO88/03781	6/2/88	WIPO			2	ΧX	
		OTHE	R DOCUMENTS					
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FORM PTO-1449			DOCKET NUMBER ACM 356	A	PPLICA 10/717		NUMB	ER	
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		FILING DATE November 19, 2003		ROUP A	ART U	NIT			
		U.S. PAT	ENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	С	LASS	SUB CLASS		IL. DATE APPROP.	
	6,712,820	3/30/04	Orbay						
	6,736,819	5/18/04	Tipirneni						
	2001/0011172	8/2/01	Orbay et al.					-	
	2002/0032446	3/14/02	Orbay						
	2002/0055741	5/9/02	Schlapfer et al.						
	2002/0143336	10/3/02	Hearn						
	2002/0147453	10/10/02	Gambale						
	2002/0156474	10/24/02	Wack et al.						
	2003/0055429	3/20/03	Ip et al.						
	2003/0105461	6/5/03	Putnam						
	2003/0153918	8/14/03	Putnam et al.						
		FOREIGN P.	ATENT DOCUMENT	ΓS	-				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLAS		TRANS 'ES	LATION NO	
	WO96/29948	10/3/96	WIPO				XX		
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FORM PTO-1449			DOCKET NUMBER APPLICATION NUMBER 10/717,402							BER
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		U.S. PAT	ENT	DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME		CLA	ss	SU CLA		FIL. DATE F APPROP.
	2003/0233093	12/18/03	M	oles et al.						
	Re. 31,628	7/10/84	Al	lgower et al.						
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